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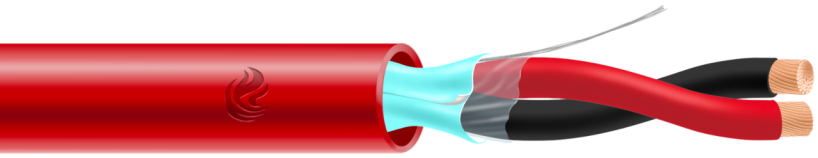

## CPR: B2ca, -s1a,d0,a1

**Reference Numbers:**

| | | |
|---|---|---|
| 002-1061002 | 2x1.0 | $mm^2$ |
| 002-1061502 | 2x1.5 | $mm^2$ |
| 002-1062502 | 2x2.5 | $mm^2$ |

**Standards and Compliance:**

UNE EN 50575/A1:2016
UNE EN 60332-1-2
UNE EN 50399:2012
UNE EN 61034-2
UNE EN 60754-2
IEC 60228
RoHS Compliant

# DETECFIRE COM DATASHEET Z10Z1-K (AS)

**Description:**
Flexible LSZH multicore cable, specifically designed for fire detection, public address (PA), and emergency lighting systems. It features an overall shield to ensure superior protection against electromagnetic interference (EMI) and crosstalk.

## PHYSICAL CHARACTERISTICS:

**Conductor:** Class 5 Flexible Copper (IEC 60228)
- **Cross Section:** 1/1.5/2.5 $mm^2$

**Insulation:** LSZH EVA Polyolefin
- **Color:** Red, Black; Brown, Yellow
- **Core Diameter:** 2.8 mm

**Twist Rate:** Twisted Pair ≥ 25 twists/m
**Shield:** Aluminum Mylar Tape
**Drain Wire:** Stranded Tinned Copper
**Jacket:** LSZH Polyolefin
- **Color:** Red

**Overall Diameter:** 7.8/8.8 mm

## ELECTRICAL CHARACTERISTICS:

**Capacitance:** 86 pF/m
**Characteristic Impedance:** 120 Ω ±10%
**Operating Voltage:** 500V
**Operating Temperature:** -20ºC/+70ºC
**Test Voltage:** 2000V DC > 1 Min


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